
*SUBSTANCE IDENTITY PROFILE: ANTIMONY TRISULFIDE
(ATS) - April 2017*

Data to be reported in sections 1.1 and 1.2 from IUCLID, based on the Guidance for identification and naming of substances under REACH and CLP – Appendix III

(https://echa.europa.eu/documents/10162/13643/substance_id_en.pdf/ee696bad-49f6-4fec-b8b7-2c3706113c7d) and the REACH text Annex VI (<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02006R1907-20161011&from=EN>)

GENERAL INFORMATION

Name **Antimony trisulfide/EC 215-713-4/CAS 1345-04-6**

Type of composition **boundary composition of the substance**

State/Form **solid: particulate/powder**

Type of substance **Mono-constituent substance**

Origin **Inorganic**

Highest tonnage band of the Joint Submission **100 - 1000**

Type of registration **Full substance**

Compositions covered by the Joint submission:

- **Representative sample**
- **Medium As and Pb impurities**
- **High As and Pb impurities**

SIP ATS

International Antimony Association (VZW)

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A. CONSTITUENTS – REPRESENTATIVE SAMPLE

Reference substance [Antimony trisulfide/EC 215-713-4/CAS 1345-04-6](#)

Typical concentration > 95 % (w/w)

Concentration range $> 95 - \leq 99.65$ % (w/w)

IMPURITIES

Impurity 1

Reference substance [arsenic sulfide/EC 215-117-4/CAS 1303-33-9](#)

Typical concentration < 0.25 % (w/w)

Concentration range $\geq 0 - < 0.25$ % (w/w)

This impurity is considered as relevant for the classification and the labelling of the substance

Impurity 2

Reference substance [Lead sulfide/EC 215-246-6/CAS 1314-87-0](#)

Typical concentration < 0.25 % (w/w)

Concentration range $\geq 0 - \leq 0.25$ % (w/w)

This impurity is considered as relevant for the classification and the labelling of the substance

Impurity 3 : Other impurities for which the individual composition doesn't exceed 0,1% and are not classified and are not relevant for the substance classification

Typical concentration ≤ 4.75 % (w/w)

Concentration range $\geq 0 - \leq 4.75$ % (w/w)

B. CONSTITUENTS – COMPOSITION MEDIUM AS AND PB

Reference substance [Antimony trisulfide/EC 215-713-4/CAS 1345-04-6](#)

Typical concentration > 95 % (w/w)

Concentration range $> 95 - \leq 99.65$ % (w/w)

IMPURITIES

Impurity 1

Reference substance [arsenic sulfide/EC 215-117-4/CAS 1303-33-9](#)

Typical concentration < 0.25 % (w/w)

Concentration range $\geq 0 - < 0.25$ % (w/w)

This impurity is considered as relevant for the classification and the labelling of the substance

Impurity 2

Reference substance [Lead sulfide/EC 215-246-6/CAS 1314-87-0](#)

Typical concentration < 0.25 % (w/w)

Concentration range $\geq 0 - \leq 0.25$ % (w/w)

This impurity is considered as relevant for the classification and the labelling of the substance

Impurity 3 : Other impurities for which the individual composition doesn't exceed 0,1% and are not classified and are not relevant for the substance classification

Typical concentration ≤ 4.75 % (w/w)

Concentration range $\geq 0 - \leq 4.75$ % (w/w)



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